

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: David I. Suda

Serial No.: not yet known

Group Art Unit: not yet known

Filed: herewith

Examiner: not yet known

For: REINFORCED FIBROUS INSULATION PRODUCT AND METHOD OF  
REINFORCING SAME

I hereby certify that this correspondence is being deposited  
with the United States Postal Service on the date shown below  
with sufficient postage as "Express Mail Post Office to  
Addressee" Mailing Label Number EV398574772US to Mail  
Stop Patent Application, Commissioner for Patents, P.O. Box  
1450, Alexandria, VA 22313-1450

March 23, 2004  
Date

Elizabeth Orleman  
Elizabeth Orleman

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR.  
§ 1.56 in connection with the above-identified application, which statement is being filed:

- ☒ Together with the present application.
- ☐ Before the first Office Action on the merits or three (3) months from the  
filing date of this application, whichever occurs last. **[37 CFR § 1.97(b)]**

☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. **[37 CFR § 1.97(c)]**

☐ After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. **[37 CFR § 1.97(d)]**

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

☒ No separate requirements are needed.

☒ No additional fee is required.

☐ **Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

☐ **Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

☐ **Certification Under 37 CFR § 1.97(e)**

☐ Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or

☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**

☒ A copy of each of the non-U.S. patent references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.


- ☐ A partial translation of reference is enclosed herewith and forms a part hereof.
- ☐ A copy of the Search Report from a corresponding British application is enclosed herewith.
- ☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

- ☒ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s): 10/753,741 and 10/753,603. The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application: none (IDS's not yet submitted)
- ☒ The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

Respectfully submitted,

DATE: 3/23/04

  
\_\_\_\_\_  
Joseph A. Powers  
Registration No. 47,006  
Attorney for Applicant(s)

DUANE MORRIS LLP  
One Liberty Place  
Philadelphia, PA 19103-7396  
Telephone: 215-979-1842  
Fax: 215-979-1020

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	Herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	2001/0030018 A1	10-18-2001	Weinstein, et al.	
	AB	2002/0015814 A1	02-07-2002	Weinstein, et al.	
	AC	2002/0040556 A1	04-11-2002	Weinstein, et al.	
	AD	2002/0136854 A1	09-26-2002	Smith, et al.	
	AE	2003/0082369 A1	05-01-2003	Arndt et al.	
	AF	2003/0082387 A1	05-01-2003	Arndt et al.	
	AG	2003/0144639 A1	07-31-2003	Gehling et al.	
	AH	2003/0175466 A1	09-18-2003	Boggett, et al.	
	AI	1,238,356	08-28-1917	W.M. Stokes	
	AJ	2,785,728	03-19-1957	Slyter et al.	
	AK	3,812,002	05-21-1974	R.D. Lurie	
	AL	3,910,145	10-07-1975	Bender, et al.	
	AM	3,958,385	05-25-1976	Bondra, et al.	
	AN	3,964,232	06-22-1976	Bender, et al.	
	AO	3,979,537	09-07-1976	Troyer	
	AP	4,282,687	08-11-1981	Teleskivi	
	AQ	4,342,610	08-03-1982	Ray, Jr.	
	AR	4,397,898	08-09-1983	Ray, Jr.	
	AS	4,661,392	04-28-1987	Kapstad	
	AT	4,726,985	02-23-1988	Fay, et al	
	AU	4,756,945	07-12-1988	Gibb	
	AV	4,835,045	05-30-1989	Kielmeyer, et al.	
	AW	4,847,140	07-11-1989	Jaskowski	
	AX	4,866,905	09-19-1989	Bihiy, et al.	
	AY	4,917,929	04-17-1990	Heinecke, et al.	
	AZ	4,972,644	11-27-1990	Rumiesz, Jr. et al	
	BA	5,009,043	04-23-1991	Kurrasch	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	Herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number-Kind Code (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BB	5,031,721	07-16-1991	Barden et al.	
	BC	5,065,478	11-19-1991	Furtak et al.	
	BD	5,246,653	09-21-1993	Horres	
	BE	5,246,760	09-21-1993	Krickl	
	BF	5,331,787	07-26-1994	Paulitschke, et al.	
	BG	5,350,063	09-27-1994	Berdan, et al.	
	BH	5,545,279	08-03-1996	Hall, et al.	
	BI	5,545,453	8-13-1996	Grant, et al.	
	BJ	5,567,504	10-22-1996	Schakel, et al.	
	BK	5,620,497	04-15-1997	Aschenbeck et al.	
	BL	5,642,601	07-01-1997	Thompson, Jr. et al.	
	BM	5,685,938	11-11-1997	Knapp et al.	
	BN	5,765,318	06-16-1998	Michelsen	
	BO	5,817,387	10-06-1998	Allwein, et al.	
	BP	5,848,509	12-15-1998	Knapp et al.	
	BQ	6,000,437	12-14-1999	Ponder	
	BR	6,083,594	07-04-2000	Weinstein, et al.	
	BS	6,083,603	07-04-2000	Patel, et al.	
	BT	6,141,930	11-07-2002	Allwein, et al.	
	BU	6,165,305	12-26-2000	Weinstein, et al.	
	BV	6,231,927	05-15-2001	Ruid	
	BW	6,357,504	03-19-2002	Patel, et al.	
	BX	6,383,594 B2	05-07-2002	Weinstein, et al.	
	BZ	6,415,573 B1	07-09-2002	Moulder	
	CA	6,422,848	07-23-2002	Allen et al.	
	CB	6,468,615 B2	10-22-2002	Weinstein, et al.	
	CC	6,484,463	11-07-2002	Fay, et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	Herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number-Kind Code (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	CD	6,551,677	04-11-2002	Weinstein, et al.	
	CE	6,551,951	04-22-2003	Fay et al.	
	CF	6,599,850	07-29-2003	Heifetz	
	CG	6,670,011	10-18-2001	Weinstein, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials		Foreign Patent Document	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T
		Country Code -Number - Kind Code (if known)				
	CH	WO 94/29540 A1	12-22-1994	Owens Corning Fiberglass Corp.		
	CI	DE 197 00 373 A1	02-12-1998	Malheiros-Stellmach		Y
	CJ	DE 3118597 A1	02-12-1998	Grunzweig & Hartmann		Y
	CK	DE 3229601 A1	03-09-1984	Grunzweig & Hartmann		Y
	CL	DE 4108110 A1	12-12-1991	Krickl		
	CM	DE 4435317 A1	04-11-1998	Kropf, Alfred		
	CN	GB 1358345	07-03-1974	John-Manville Corp		
	CO	GM 78 30 852	01-25-1979	Rutgerswerke AG		
	CP	GM 79 20 480	11-10-1979	Grunzweg & Hartmann		
	CQ	G 93 02 056.2	08-05-1993	Gefinex-Jackson GmbH		Y
	CR	EP101376B1	02-22-1984	Baumann et al.		Y
	CS	EP0732464 A1	09-18-1996	Scherer		Y
	CT	WO 98/42930	10-01-1998	Naber, Wilfried		
	CU	WO 01/63063 A1	08-30-2001	Naber et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T
	CV	MILLER, B., "Critical Evaluation of Upward Wicking Tests", International Nonwovens Journal, <a href="http://www.inda.org/subscrip/inj00_1/p35.html">www.inda.org/subscrip/inj00_1/p35.html</a> , pp 1-3, 3/12/02	
	CW	KIM, H.S. et al., "Characterizing Fuzz in Nonwoven Fabrics", International Nonwovens Journal, <a href="http://www.inda.org/subscrip/inj00_1/p18.html">www.inda.org/subscrip/inj00_1/p18.html</a> , pp 1-8, 3/11/02	
	CX	DENT, R.W., "An Analysis of Fabric 'Hand' and 'Feel'", International Nonwovens Journal, <a href="http://www.inda.org/subscrip/inj00_1/p11.html">www.inda.org/subscrip/inj00_1/p11.html</a> , pp 1-11, 3/12/02	
	CY	OATHOUT, J.M., "Determining the dynamic efficiency with which wiping materials remove liquids from surfaces", International Nonwovens Journal, <a href="http://www.inda.org/subscrip/inj00_1/p30.html">www.inda.org/subscrip/inj00_1/p30.html</a> , pp 1-9, 3/11/2002	
	CZ	BARKER, R.L., "Evaluating operating room gowns: comparing comfort of nonwoven and woven materials", International Nonwovens Journal, <a href="http://www.inda.org/subscrip/inj00_1/p230.html">www.inda.org/subscrip/inj00_1/p230.html</a> , pp 1-10, 3/12/2002	
	DA	International Nonwovens Journal, Vol. 9, No. 1, 40 pages, Spring 2000, <a href="http://www.inda.org/subscrip/">www.inda.org/subscrip/</a>	
	DB	HUANG and GAO, "Spunbond Technology", <a href="http://216.239.39.104/search?q=cache:0eatiNLJVeEJ:www.apparelsearch.com/education_r">http://216.239.39.104/search?q=cache:0eatiNLJVeEJ:www.apparelsearch.com/education_r</a> , pp 1-13, 7/29/03	
	DC	Garland Insulation, New Home Construction, <a href="http://216.239.57.104/search?q=cache:qnVm9UlfP7cJ:www.garlandinsulating.com/newho">http://216.239.57.104/search?q=cache:qnVm9UlfP7cJ:www.garlandinsulating.com/newho</a> , pp. 1-5, 8/1/03	
	DD	Mercantile Development, Inc. Web Bonding Techniques, <a href="http://www.diwipers.com/Technology/webbondingtechniques.htm">http://www.diwipers.com/Technology/webbondingtechniques.htm</a> , pp 1-5, 7/29/03	
	DE	TRENDS, Index '99, "Nordson debuts new look, new products at INDEX '99", pp 1-4, Vol. 11, No. 1, April 1999	
	DF	Series MB-200 Meltblown Applicator, Nordson, trade literature pp 1-2, 2000	
	DG	Nordson, Operator's Card, Meltblown (MB200) Applicators, pp 1-6, undated	
	DH	Nordson Melt Blown Fiberization for Insulation Batt Coating, report, 2 pages, undated	
	DI	Nordson, Center of Excellence Nonwovens Pilot Line, COE II Specifications, 4 pages, 2002	
	DJ	Nordson, Non-Contact Wide-Web Laminating, 2 pages, 1999	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T
	DK	Nordson, EP 26 SD / EP 34 S/ EP 34 SD Hot Melt Spray Guns, 2 pages, 2002	
	DL	Nordson, Series CF-200 Controlled Fiberization™ Guns, 2 pages, 1996	
	DM	Nordson, Controlled Fiberization™ Spray Nozzels, 2 pages, 1995	
	DN	Nordson, Series 3800V and 3900V Applicators with Vista™ Controls, 2 pages, 1998	
	DO	Nordson, PA-2520 Adhesive Applicator for Product Assembly, 2 pages, 1998	
	DP	Nordson, PA-2510 Adhesive Application System, 2 pages, 1998	
	DQ	Nordson, Series 3000V Applicators with Vista™ Controls, 2 pages, 1996	
	DR	Nordson, Series CC-200 Modular Control Coat® Applicator, 2 pages, 1998	
	DS	Nordson, Series MB-200 Meltblown Applicator, 2 pages, 2000	
	DT	Nordson Corporation Nonwovens Systems, Atlanta Equipment and Web Handling Capability, 1 page, 2003	
	DU	Nordson Corporation Nonwovens Systems, The Control Coat® System, <a href="http://www.nordson.com/nonwovens/ctrlcoat.htm">http://www.nordson.com/nonwovens/ctrlcoat.htm</a> , pp. 1-3, accessed 2/16/2003	
	DV	Nordson Corporation Nonwovens Systems, Nozzles, <a href="http://www.nordson.com/nonwovens/nozzles.htm">http://www.nordson.com/nonwovens/nozzles.htm</a> , pp. 1-2, accessed 2/16/2003	
	DW	Nordson, MX 3400 and 4400 Series Adhesive Application System brochure, 4 pages, 2001	
	DX	Rockwool Silk, Rockwool A/S, 2 pages, October 31, 2003	
	DY	Gulfiber Insulation with Gillfiber, Do-it-yourself, December 1983	Y
	DZ	Superfos Glass Wool, Glasuld Perfofilt, January 1975 (Product Literature)	Y
	EA	Gulfiber M-Skiva, Mar 1984 (Product Literature)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	herewith
	<b>First Named Inventor</b>	David I. Suda et al.
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D0932-00444

[illegible]

PH1\1184455.1

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.